

Oxidative Stress Assay Kits

Isoprostane Assay kits: Isoprostanes are widely recognized as the "gold standard" of oxidant status. Oxford Biomedical has pioneered the development and validation of immunoassay kits for isoprostanes.

Isoprostane Assay kits

→ **Total Antioxidant Power:** This colorimetric microplate assay kit quantitatively measures the total antioxidant capacity or antioxidant power within biological specimens. Total Antioxidant Power

Glutathione Assay kits: We offer colorimetric kits for monitoring both total glutathione and reduced glutathione. Glutathione Assay kits

NF-kB Assay Kit: We offer chemiluminescent and colorimetric based immunoassay kits for quantitative measurement of transcription factor, NF-kB". NF-kB Assay Kit

Linoleic Acid Peroxidation ELISA Kits: Linoleic acid is the predominant polyunsaturated fatty acid (PUFA) in the human diet. However, the bulk of linoleic acid peroxidation, especially generation of 9-HODEs, occurs by non-enzymatic processes so that HODEs are excellent indicators of free radical mediated lipid peroxidation. Linoleic Acid Peroxidation ELISA Kits

Lipid Peroxidation Assay Kit: For quantitative analysis of malonaldehyde (MDA) and 4-Hydroxyalkenals, on which a great deal of research on lipid peroxidation has focused. Measurement of such aldehydes provides a convenient index of lipid peroxidation. Lipid Peroxidation Assay Kit

Anti-Malondialdehyde-Deoxyguanosine Adduct (Monoclonal) This monoclonal antibody is highly specific and has already been used for immunoaffinity isolation of this adduct prior to GC/MS and for quantitation of less than 5 fmol by ELISA. Anti-Malondialdehyde-Deoxyguanosine Adduct

Glutathione Peroxidase Human Plasma ELISA Kit: This is a sandwich ELISA kit for a plasma-specific glutathione peroxidase. Glutathione Peroxidase ELISA Kit

Superoxide Dismutase Assay Kit: This is a spectrophotometric assay for superoxide dismutase. Superoxide Dismutase Kit

Myeloperoxidase Assay Kit (Human): This is an enzyme-linked immunosorbent assay (ELISA) kit. Myeloperoxidase Assay Kit

Lactoferrin Human Plasma Kit: Human lactoferrin in blood is secreted from neutrophils, and its concentration is related to the total neutrophil pool and the rate of turnover. This is a sandwich enzyme-linked immunoassay kit. Lactoferrin Kit

Colorimetric Cytotoxicity Assay Kit: This colorimetric assay kit can be used to monitor the release of a cytosolic enzyme from cultured cells that suffer damage or death as the result of in vitro exposure to toxins. The amount of LDH released is proportional to the number of damaged/lysed cells. Colorimetric Cytotoxicity Kit

75 kDa Glucose Related Protein: This 75 kDa glucose regulated protein (Grp75) is a mitochondrial

matrix protein that is generally recognized as a member of the heat shock protein 70 (hsp 70) class of proteins. Grp 75 is induced under conditions of low glucose and other nutritional and environmental stresses. **Anti-GRP**